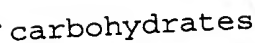


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Fig. 1amistletoe lectin^I

TACGAGAGGCTAAGACTCAGAGTTACGCATCAAACCACGGGCGAGGAATACTTCCGGTTCATC
ACGCTTCTCCGAGATTATGTCTCAAGCGGAAGCTTTTCCAATGAGATACTTCTTGGCGTCAG
TCTACGATCCCCGTCTCCGATGCGCAAAGATTTGTCTTGGTGGAGCTCACCAACCAGGGGGGA
GACTCGATCACGGCCGCCATCGACGTTACCAATCTGTACGTCGTGGCTTACCAAGCAGGCGAC
CAATCCTACTTTTTGCGCGACGCACCACGCGGCGCGGAAACGCACCTCTTCACCGGCACCACC
CGATCCTCTCTCCCATTTCAACGGAAGCTACCCTGATCTGGAGCGATAACGCCGACATAGGGAC
CAGATCCCTCTCGGTATAGACCAACTCATTCAATCCGTCACGGCGCTTCGTTTTCCGGGCGGG
AGCACGCGTACCCAAGCTCGTTTCGATTTTAATCCTCATTAGATGATCTCCGAGGCCGCCAGA
TTCAATCCCATCTTATGGAGGGCTCGCCAATACATTAACAGTGGGGCGTCATTTCTGCCAGAC
GTGTACATGCTGGAGCTGGAGACGAGTTGGGGCCAACAATCCACGCAAGTCCAGCATTCAACC
GATGGCGTTTTTAATAACCCAATTTCGGTTGGCTATACCCCCCGGTAACCTTCGTGACGTTGACC
AATGTTCCGCGACGTGATCGCCAGCTTGGCGATCATGTTGTTTGTATGCGGAGAGCGGCCATCT
TCCTCTGACGTGCGCTATTGGCCGCTGGTCATACGACCCGTGATAGCCGATGATGTTACCTGC
AGTGCTTCGGAACCTACGGTGCGGATTGTGGGTGCGAAATGGCATGTGCGTGACGTCCGAGAT
GACGATTTCCACGATGGGAATCAGATACAGTTGTGGCCCTCCAAGTCCAACAATGATCCGAAT
CAGTTGTGGACGATCAAAAGGGATGGAACCATTCGATCCAATGGCAGCTGCTTGACCACGTAT
GGCTATACTGCTGGCGTCTATGTGATGATCTTCGACTGTAATACTGCTGTGCGGGAGGCCACT
ATTTGGCAGATATGGGGCAATGGGACCATCATCAATCCAAGATCCAATCTGGTTTTGGCAGCA
TCATCTGGAATCAAAGGCACTACGCTTACGGTGCAAACACTGGATTACACGTTGGGACAGGGC
TGGCTTGCCGGTAATGATACCGCCCCACGCGAGGTGACCATATATGGTTTCAGGGACCTTTGC
ATGGAATCAAATGGAGGGAGTGTGTGGGTGGAGACGTGCGTGAGTAGCCAACAGAACCAAGA
TGGGCTTTGTACGGGGATGGTTCTATACGCCCCAAACAAACCAAGACCAATGCCTCACCTGT
GGGAGAGACTCCGTTTCAACAGTAATCAATATAGTTAGCTGCAGCGCTGGATCGTCTGGGCAG
CGATGGGTGTTTACCAATGAAGGGGCCATTTTGAATTTAAAGAATGGGTTGGCCATGGATGTG
GCGCAAGCAAATCCAAAGCTCCGCCGAATAATTATCTATCCTGCCACAGGAAAACCAAATCAA
ATGTGGCTTCCCGTGCCATGA

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Fig. 1b

mistletoe lectin I

Y E R L R L R V T H Q T T G E E Y F R F I
 T L L R D Y V S S G S F S N E I P L L R Q
 S T I P V S D A Q R F V L V E L T N Q G G
 D S I T A A I D V T N L Y V V A Y Q A G D
 Q S Y F L R D A P R G A E T H L F T G T T
 R S S L P F N G S Y P D L E R Y A G H R D
 Q I P L G I D Q L I Q S V T A L R F P G G
 S T R T Q A R S I L I L I Q M I S E A A R
 F N P I L W R A R Q Y I N S G A S F L P D
 V Y M L E L E T S W G Q Q S T Q V Q H S T
 D G V F N N P I R L A I P P G N F V T L T
 N V R D V I A S L A I M L F V C G E R P S
 S S D V R Y W P L V I R P V I A D D V T C
 S A S E P T V R I V G R N G M C V D V R D
 D D F H D G N Q I Q L W P S K S N N D P N
 Q L W T I K R D G T I R S N G S C L T T Y
 G Y T A G V Y V M I F D C N T A V R E A T
 I W Q I W G N G T I I N P R S N L V L A A
 S S G I K G T T L T V Q T L D Y T L G Q G
 W L A G N D T A P R E V T I Y G F R D L C
 M E S N G G S V W V E T C V S S Q Q N Q R
 W A L Y G D G S I R P K Q N Q D Q C L T C
 G R D S V S T V I N I V S C S A G S S G Q
 R W V F T N E G A I L N L K N G L A M D V
 A Q A N P K L R R I I I Y P A T G K P N Q
 M W L P V P

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Fig. 2a

mistletoe lectin A1

TACGAGAGGCTAAGACTCAGAGTTACGCATCAAACCACGGGCGAGGAATACTTCCGGTTCATC
ACGCTTCTCCGAGATTATGTCTCAAGCGGAAGCTTTTCCAATGAGATACTTCTTGCGTCAG
TCTACGATCCCCGTCTCCGATGCGCAAAGATTTGTCTTGGTGGAGCTCACCAACCAGGGGCAG
GACTCGGTTACGGCCGCCATCGACGTTACCAATGCTTACGTCGTGGCTTACCAAGCAGGCGAC
CAATCCTACTTTTTTGGCGGACGCACCACGCGGCGCGGAAACGCACCTCTTCACCGGCACCACC
CGATCCTCTCTCCCATTCACGGAAGCTACCCTGATCTGGAGCGATACGCCGGACATAGGGAC
CAGATCCCTCTCGGTATAGACCAACTCATTCAATCCGTCACGGCGCTTCGTTTTCCGGGCGGC
AGCACGCGTACCCAAGCTCGTTTCGATTTTAATCCTCATTAGATGATCTCCGAGGCCGCCAGA
TTCAATCCCATCTTATGGAGGTACCGCCAATACATTAACAGTGGGGCGTCATTTCTGCCAGAC
GTGTACATGCTGGAGCTGCAGACGAGTTGGGGCCAACAATCCACGCAAGTCCAGCATTCAACC
GATGGCGTTTTTAATAACCCAATTCGGTTGGCTATACCCCCGGTAACTTCGTGACGTTGACC
AATGTTGCGGACGTGATCGCCAGCTTGGCGATCATGTTGTTTGTATGCGGAGAGCGGCCATCT
TCCTCT

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Fig. 2b

mistletoe lectin A1

Y	E	R	L	R	L	R	V	T	H	Q	T	T	G	E	E	Y	F	R	F	I
T	L	L	R	D	Y	V	S	S	G	S	F	S	N	E	I	P	L	L	R	Q
S	T	I	P	V	S	D	A	Q	R	F	V	L	V	E	L	T	N	Q	G	Q
D	S	V	T	A	A	I	D	V	T	N	A	Y	V	V	A	Y	Q	A	G	D
Q	S	Y	F	L	R	D	A	P	R	G	A	E	T	H	L	F	T	G	T	T
R	S	S	L	P	F	N	G	S	Y	P	D	L	E	R	Y	A	G	H	R	D
Q	I	P	L	G	I	D	Q	L	I	Q	S	V	T	A	L	R	F	P	G	G
S	T	R	T	Q	A	R	S	I	L	I	L	I	Q	M	I	S	E	A	A	R
F	N	P	I	L	W	R	Y	R	Q	Y	I	N	S	G	A	S	F	L	P	D
V	Y	M	L	E	L	E	T	S	W	G	Q	Q	S	T	Q	V	Q	H	S	T
D	G	V	F	N	N	P	I	R	L	A	I	P	P	G	N	F	V	T	L	T
N	V	R	D	V	I	A	S	L	A	I	M	L	F	V	C	G	E	R	P	S
S	S																			

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Fig. 3a

mistletoe lectin A2

TACGAGAGGCTAAGACTCAGAGTTACGCATCAAACCACGGGCGATGAATACTTCCGGTTCAT
CACGCTTCTCCGAGATTATGTCTCAAGCGGAAGCTTTTCCAATGAGATACCACTCTTGCGTC
AGTCTACGATCCCCGTCTCCGATGCGCAAAGATTGTCTTGGTGGAGCTCACCAACCAGGGG
CAGGACTCGATCACGGCCGCCATCGACGTTACCAATGCTTACGTCGTGGCTTACCAAGCAGG
CGACCAATCCTACTTTTTGCGCGACGCACCACGCGGCGCGGAAACGCACCTCTTCACCGGCA
CCACCCGAGATAGATCCTCTCTCCCATTCCTGGAAGCTACACCGATCTGGAGCGATACGCC
GGACATAGGGACCAGATCCCTCTCGGTATAGAGCAACTCATTCAATCCGTCTCTGCGCTTCG
TTACCCGGGCGGCAGCACGCGTGCTCAAGCTCGTTCGATTTTAATCCTCATTGAGATGATCT
CGGAGGCCGCCAGATTCAATCCCATCTTATGGAGGTACCGCCAAGATATTAACAGTGGGGAA
TCATTTCTGCCAGACATGTACATGCTGGAGCTGGAGACGAGTTGGGGCCAACAATCCACGCA
AGTCCAGCATTCAACCGATGGCGTTTTTAATAACCCATTCCGGTTGGCTATATCTACTGGTA
ACTTCGTGACGTTGTCTAATGTTGCTCTGTGATCGCCAGCTTGGCGATCATGTTGTTTGTA
TGCGGAGAGCGGCCATCTTCCTCT

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Fig. 3b

mistletoe lectin A2

Y	E	R	L	R	L	R	V	T	H	Q	T	T	G	D	E	Y	F	R	F	I
T	L	L	R	D	Y	V	S	S	G	S	F	S	N	E	I	P	L	L	R	Q
S	T	I	P	V	S	D	A	Q	R	F	V	L	V	E	L	T	N	Q	G	Q
D	S	I	T	A	A	I	D	V	T	N	A	Y	V	V	A	Y	Q	A	G	D
Q	S	Y	F	L	R	D	A	P	R	G	A	E	T	H	L	F	T	G	T	T
R	D	R	S	S	L	P	F	T	G	S	Y	T	D	L	E	R	Y	A	G	H
R	D	Q	I	P	L	G	I	E	Q	L	I	Q	S	V	S	A	L	R	Y	P
G	G	S	T	R	A	Q	A	R	S	I	L	I	L	I	Q	M	I	S	E	A
A	R	F	N	P	I	L	W	R	Y	R	Q	D	I	N	S	G	E	S	F	L
P	D	M	Y	M	L	E	L	E	T	S	W	G	Q	Q	S	T	Q	V	Q	H
S	T	D	G	V	F	N	N	P	F	R	L	A	I	S	T	G	N	F	V	T
L	S	N	V	R	S	V	I	A	S	L	A	I	M	L	F	V	C	G	E	R
P	S	S	S																	

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Fig. 4a

mistletoe lectin I (matched)

TATGAAAGATTGAGGTTGAGGGTGACTCACCAGACTACAGGAGAAGAGTATTTAGATTTATT
 ACTTTGTTGAGGGATTACGTTAGTTCTGGTTCTTTCAGTAACGAAATTCCTTTGCTTAGACAA
 TCTACTATTCCAGTTTCTGATGCTCAGCGTTTCGTTCTTGTGTAATTGACTAACCAAGGAGGT
 GATAGTATTACTGCTGCTATTGATGTGACTAACCTTTATGTTGTTGCATATCAGGCTGGTGAT
 CAGTCTTATTTTCCTTAGGGATGCTCCTAGAGGAGCTGAGACTCATTTGTTTACTGGTACAACA
 CGGAGTTCTTTGCCTTTTAAACGGTTCTTATCCAGACTTGGAAGATATGCTGGTCACAGAGAT
 CAAATTCATTGGGAATTGATCAGTTGATCCAGAGTGTTACTGCTTTGAGATTCCCAGGTGGA
 TCTACTAGAACACAGGCAAGATCTATCCTTATTTTGATCCAAATGATTAGTGAAGCTGCTAGG
 TTTAACCCTATTCTTTGGAGAGCAAGACAGTATATCAACTCTGGTGCTTCTTTCCTTCTGAT
 GTTTATATGCTTGAAC TTGAACTTCATGGGGACAGCAGTCTACTCAGGTTCAACACAGTACA
 GACGGTGTGTTCAACAATCCTATCAGACTTGCAATTCACCTGGAAATTTTGTTACTCTTACA
 AACGTGAGAGATGTTATTGCTTCTCTTGCTATTATGCTTTTCGTTTGTGGTGAAAGACCTTCT
 AGTTCTGATGTTAGATACTGGCCATTGGTTATTAGGCCTGTTATCGCTGACGATGTGACATGT
 TCTGCATCTGAACCAACTGTTAGGATCGTTGGAAGAAACGGTATGTGTGTTGATGTTCTGGGAC
 GATGACTTTCATGACGGTAACCAAATCCAAC TTTGGCCTAGTAAGTCTAATAACGACCCAAAC
 CAACTTTGGACTATTAAGAGAGACGGTACAATCAGGTCTAACGGATCTTGTCTTACTACATAC
 GGTTACACTGCAGGAGTTTACGTTATGATTTTGGATTGCAACACAGCAGTTAGAGAAGCTACA
 ATCTGGCAAATCTGGGGTAACGGAAC TATTATTAACCCTCGTTCTAACTTGGTGCTTGCTGCT
 TCTAGTGGTATTAAGGGAACAAC TTTGACTGTTTCAGACTTTGGACTATACTCTTGGTCAAGGA
 TGGTTGGCTGGAAACGACACAGCTCCTAGAGAAGTTACAATCTACGGATTTAGAGATTTGTGT
 ATGGAGTCTAACGGTGGATCTGTTTGGGTTGAAACTTGTGTTTCATCTCAGCAAAATCAGAGG
 TGGGCACTTTATGGTGACGGAAGTATCAGACCTAAGCAGAATCAGGATCAGTGTTTGACATGC
 GGTAGGGATAGTGTGCTACTGTTATTAACATTGTGTCTTGTCTGCAGGTAGTTCTGGACAA
 AGGTGGGTTTTACAAACGAGGGTGCTATCCTTAACTTGAAGAACGGTCTTGCTATGGATGTT
 GCTCAGGCTAACCTAAGTTGAGAAGGATTATCATTTACCCAGCTACTGGTAAGCCTAACCCAG
 ATGTGGTTGCCAGTTCCTTAT

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Fig. 4b

mistletoe lectin I (matched)

Y E R L R L R V T H Q T T G E E Y F R F I
 T L L R D Y V S S G S F S N E I P L L R Q
 S T I P V S D A Q R F V L V E L T N Q G G
 D S I T A A I D V T N L Y V V A Y Q A G D
 Q S Y F L R D A P R G A E T H L F T G T T
 R S S L P F N G S Y P D L E R Y A G H R D
 Q I P L G I D Q L I Q S V T A L R F P G G
 S T R T Q A R S I L I L I Q M I S E A A R
 F N P I L W R A R Q Y I N S G A S F L P D
 V Y M L E L E T S W G Q Q S T Q V Q H S T
 D G V F N N P I R L A I P P G N F V T L T
 N V R D V I A S L A I M L F V C G E R P S
 S S D V R Y W P L V I R P V I A D D V T C
 S A S E P T V R I V G R N G M C V D V R D
 D D F H D G N Q I Q L W P S K S N N D P N
 Q L W T I K R D G T I R S N G S C L T T Y
 G Y T A G V Y V M I F D C N T A V R E A T
 I W Q I W G N G T I I N P R S N L V L A A
 S S G I K G T T L T V Q T L D Y T L G Q G
 W L A G N D T A P R E V T I Y G F R D L C
 M E S N G G S V W V E T C V S S Q Q N Q R
 W A L Y G D G S I R P K Q N Q D Q C L T C
 G R D S V S T V I N I V S C S A G S S G Q
 R W V F T N E G A I L N L K N G L A M D V
 A Q A N P K L R R I I I Y P A T G K P N Q
 M W L P V P

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Fig. 5a

mistletoe lectin A1 (matched)

TATGAAAGATTGAGGTTGAGGGTGA CT CACCAGACTACAGGAGAAGAGTATTTTAGATTTATT
ACTTTGTTGAGGGATTACGTTAGTTCTGGTTCTTTTCAGTAACGAAATTCCTTTGCTTAGACAA
TCTACTATTCCAGTTTCTGATGCTCAGCGTTTCGTTCTTGTTGAATTGACTAACCAAGGACAG
GATAGTGTTACTGCTGCTATTGATGTGACTAACGCTTATGTTGTTGCATATCAGGCTGGTGAT
CAGTCTTATTTTCCTTAGGGATGCTCCTAGAGGAGCTGAGACTCATTTGTTTACTGGTACAACA
CGGAGTTCTTTGCCTTTTAAACGGTTCTTATCCAGACTTGGAAGATATGCTGGTCACAGAGAT
CAAATTCATTGGGAATTGATCAGTTGATCCAGAGTGTTACTGCTTTGAGATTCCCAGGTGGA
TCTACTAGAACACAGGCAAGATCTATCCTTATTTTGATCCAAATGATTAGTGAAGCTGCTAGG
TTTAACCCCTATTCTTTGGAGATACAGACAGTATATCAACTCTGGTGCTTCTTTCCTTCCTGAT
GTTTATATGCTTGAAC TTGAAACTTCATGGGGACAGCAGTCTACTCAGGTTCAACACAGTACA
GACGGTGTGTTCAACAATCCTATCAGACTTGCAATTCCACCTGGAAATTTTGTTACTCTTACA
AACGTGAGAGATGTTATTGCTTCTCTTGCTATTATGCTTTTCGTTTGTGGTGAAAGACCTTCT
AGTTCT

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Fig. 5b

mistletoe lectin A1 (matched)

Y	E	R	L	R	L	R	V	T	H	Q	T	T	G	E	E	Y	F	R	F	I
T	L	L	R	D	Y	V	S	S	G	S	F	S	N	E	I	P	L	L	R	Q
S	T	I	P	V	S	D	A	Q	R	F	V	L	V	E	L	T	N	Q	G	Q
D	S	V	T	A	A	I	D	V	T	N	A	Y	V	V	A	Y	Q	A	G	D
Q	S	Y	F	L	R	D	A	P	R	G	A	E	T	H	L	F	T	G	T	T
R	S	S	L	P	F	N	G	S	Y	P	D	L	E	R	Y	A	G	H	R	D
Q	I	P	L	G	I	D	Q	L	I	Q	S	V	T	A	L	R	F	P	G	G
S	T	R	T	Q	A	R	S	I	L	I	L	I	Q	M	I	S	E	A	A	R
F	N	P	I	L	W	R	Y	R	Q	Y	I	N	S	G	A	S	F	L	P	D
V	Y	M	L	E	L	E	T	S	W	G	Q	Q	S	T	Q	V	Q	H	S	T
<hr/>																				
D	G	V	F	N	N	P	I	R	L	A	I	P	P	G	N	F	V	T	L	T
N	V	R	D	V	I	A	S	L	A	I	M	L	F	V	C	G	E	R	P	S
S	S																			

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Fig. 6a

mistletoe lectin A2 (matched)

TATGAAAGATTGAGGTTGAGGGTGA CT CACCAGACTACAGGAGATGAGTATTTTAGATTTATT
ACTTTGTTGAGGGATTACGTTAGTTCTGGTTCTTTCAGTAACGAAATTCCTTTGCTTAGACAA
TCTACTATTCCAGTTTCTGATGCTCAGCGTTTCGTTCTTGTTGAATTGACTAACCAAGGACAG
GATAGTATTACTGCTGCTATTGATGTGACTAACGCTTATGTTGTTGCATATCAGGCTGGTGAT
CAGTCTTATTTCTTAGGGATGCTCCTAGAGGAGCTGAGACTCATTTGTTTACTGGTACAACA
CGGGATAGAAGTTCTTTGCCTTTTACTGGTTCTTATACAGACTTGGAAGATATGCTGGTCAC
AGAGATCAAATTCCATTGGGAATTGAGCAGTTGATCCAGAGTGTTTCTGCTTTGAGATACCCA
GGTGGATCTACTAGAGCTCAGGCAAGATCTATCCTTATTTTGATCCAAATGATTAGTGAAGCT
GCTAGGTTTAACCCATTCTTTGGAGATACAGACAGGATATCAACTCTGGTGAATCTTTCCTT
CCTGATATGTATATGCTTGAACTTGAACTTCATGGGGACAGCAGTCTACTCAGGTTCAACAC
AGTACAGACGGTGTGTTCAACAATCCTTTCAGACTTGCAATTTCTACTGGAAATTTTGTTACT
CTTTCCTAACGTGAGATCTGTTATTGCTTCTCTTGCTATTATGCTTTTCGTTTGTGGTGAAAGA
CCTTCTAGTTCT

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Fig. 6b

mistletoe lectin A2 (matched)

Y	E	R	L	R	L	R	V	T	H	Q	T	T	G	D	E	Y	F	R	F	I
T	L	L	R	D	Y	V	S	S	G	S	F	S	N	E	I	P	L	L	R	Q
S	T	I	P	V	S	D	A	Q	R	F	V	L	V	E	L	T	N	Q	G	Q
D	S	I	T	A	A	I	D	V	T	N	A	Y	V	V	A	Y	Q	A	G	D
Q	S	Y	F	L	R	D	A	P	R	G	A	E	T	H	L	F	T	G	T	T
R	D	R	S	S	L	P	F	T	G	S	Y	T	D	L	E	R	Y	A	G	H
R	D	Q	I	P	L	G	I	E	Q	L	I	Q	S	V	S	A	L	R	Y	P
G	G	S	T	R	A	Q	A	R	S	I	L	I	L	I	Q	M	I	S	E	A
A	R	F	N	P	I	L	W	R	Y	R	Q	D	I	N	S	G	E	S	F	L
P	D	M	Y	M	L	E	L	E	T	S	W	G	Q	Q	S	T	Q	V	Q	H
S	T	D	G	V	F	N	N	P	F	R	L	A	I	S	T	G	N	F	V	T
L	S	N	V	R	S	V	I	A	S	L	A	I	M	L	F	V	C	G	E	R
P	S	S	S																	

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Fig. 7a

mistletoe lectin B

GATGATGTTACCTGCAGTGCTTCGGAACCTACGGTGCGGATTGTGGGTGCGAAATGGCATGTGC
GTGGACGTCCGAGATGACGATTTCACGATGGGAATCAGATACAGTTGTGGCCCTCCAAGTCC
AACAAATGATCCGAATCAGTTGTGGACGATCAAAAGGGATGGAACCATTTCGATCCAATGGCAGC
TGCTTGACCACGTATGGCTATACTGCTGGCGTCTATGTGATGATCTTCGACTGTAATACTGCT
GTGCGGGAGGCCACTATTTGGCAGATATGGGGCAATGGGACCATCATCAATCCAAGATCCAAT
CTGGTTTTTGGCAGCATCATCTGGAATCAAAGGCACTACGCTTACGGTGCAAACACTGGATTAC
ACGTTGGGACAGGGCTGGCTTGCCGGTAATGATACCGCCCCACGCGAGGTGACCATATATGGT
TTCAGGGACCTTTGCATGGAATCAAATGGAGGGAGTGTGTGGGTGGAGACGTGCGTGAGTAGC
CAACAGAACCAAAGATGGGCTTTGTACGGGGATGGTTCTATACGCCCCAAACAAAACCAAGAC
CAATGCCTCACCTGTGGGAGAGACTCCGTTTCAACAGTAATCAATATAGTTAGCTGCAGCGCT
GGATCGTCTGGGCAGCGATGGGTGTTTACCAATGAAGGGGCCATTTTGAATTTAAAGAATGGG
TTGGCCATGGATGTGGCGCAAGCAAATCCAAAGCTCCGCCGAATAATTATCTATCCTGCCACA
GGAAAACCAAATCAAATGTGGCTTCCCGTGCCATGA

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Fig. 7bmistel lectin B

D D V T C S A S E P T V R I V G R N G M C
 V D V R D D D F H D G N Q I Q L W P S K S
 N N D P N Q L W T I K R D G T I R S N G S
 C L T T Y G Y T A G V Y V M I F D C N T A
 V R E A T I W Q I W G N G T I I N P R S N
 L V L A A S S G I K G T T L T V Q T L D Y
 T L G Q G W L A G N D T A P R E V T I Y G
 F R D L C M E S N G G S V W V E T C V S S
 Q Q N Q R W A L Y G D G S I R P K Q N Q D
 Q C L T C G R D S V S T V I N I V S C S A
 G S S G Q R W V F T N E G A I L N L K N G
 L A M D V A Q A N P K L R R I I I Y P A T
 G K P N Q M W L P V P

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Fig. 8amistletoe lectin B1

GATGATGTTACCTGCAGTGCTTCGGAACCTACGGTGCGGATTGTGGGTCGAAATGGCATGCGC
GTGGACGTCCGAGATGACGATTTCCACGATGGGAATCAGATACAGTTGTGGCCCTCCAAGTCC
AACAATGATCCGAATCAGTTGTGGACGATCAAAAGGGATGGAACCATTCGATCCAATGGCAGC
TGCTTGACCACGTATGGCTATACTGCTGGCGTCTATGTGATGATCTTCGACTGTAATACTGCT
GTGCGGGAGGGCCACTATTTGGCAGATATGGGACAATGGGACCATCATCAATCCAAGATCCAAT
CTGGTTTTGGCAGCATCATCTGGAATCAAAGGCACTACGCTTACGGTGCAAACACTGGATTAC
ACGTTGGGACAGGGCTGGCTTGCCGGTAATGATACCGCCCCACGCGAGGTGACCATATATGGT
TTCAGGGACCTTTGCATGGAATCAAATGGAGGGAGTGTGTGGGTGGAGACGTGCGACAGTAGC
CAAAAGAACCAAGGCAAATGGGCTTTGTACGGGGATGGTTCTATACGCCCCAAACAAAACCAA
GACCAATGCCTCACCTCTGGGAGAGACTCCGTTTCAACAGTAATCAATATAGTTAGCTGCAGC
GGAGCTTCGGGGTCTCAGCGATGGGTGTTTACCAATGAAGGGGCCATTTGAATTTAAAGAAT
GGGTGGCCATGGATGTGGCGCAAGCAAATCCAAAGCTCCGCCGAATAATTATCTATCCTGCC
ACAGGAAAACCAAATCAAATGTGGCTTCCCGTGTTCTGA

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Fig. 8b

mistletoe lectin B1

D D V T C S A S E P T V R I V G R N G M R
 V D V R D D D F H D G N Q I Q L W P S K S
 N N D P N Q L W T I K R D G T I R S N G S
 C L T T Y G Y T A G V Y V M I F D C N T A
 V R E A T I W Q I W D N G T I I N P R S N
 L V L A A S S G I K G T T L T V Q T L D Y
 T L G Q G W L A G N D T A P R E V T I Y G
 F R D L C M E S N G G S V W V E T C D S S
 Q K N Q G K W A L Y G D G S I R P K Q N Q
 D Q G L T S G R D S V S T V I N I V S C S
 G A S G S Q R W V F T N E G A I L N L K N
 G L A M D V A Q A N P K L R R I I I Y P A
 T G K P N Q M W L P V F

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Fig. 9a

mistletoe lectin B2

GATGATGTTACCTGCAGTGCTTCGGAACCTACGGTGCGGATTGTGGGTCTGAAGTGGCATGCGC
GTGGACGTCCGAGATGACGATTTCCACGATGGGAATCAGATACAGTTGTGGCCCTCCAAGTCC
AACAAATGATCCGAATCAGTTGTGGACGATCAAAAGGGATAACACCATTTCGATCCAATGGCAGC
TGCTTGACCACGTATGGCTATACTGCTGGCGTCTATGTGATGATCTTCGACTGTAATACTGCT
GTGCGGGAGGCCACTATTTGGCAGATATGGGACAATGGGACCATCATCAATCCAAGATCCAAT
CTGGTTTTTGGCAGCATCATCTGGAATCAAAGGCACCTACGCTTACGGTGCAAACACTGGATTAC
ACGTTGGGACAGGGCTGGCTTGCCGGTAATGATACCGCCCCACGCGAGGTGACCATATATGGT
TTCAGGGACCTTTGCATGGAATCAAATCAAGGGAGTGTGTGGGTGGAGACGTGCGACAGTAGC
CAAAAGAACCAAGGCAAATGGGCTTTGTACGGGGATGGTTCATACGCCCCAAACAAAACCAA
GACCAATGCCTCACCGTTGGGAGAGACTCCGTTTCAACAGTAATCAATATAGTTAGCTGCAGC
GGAGCTTCGGGGTCTCAGCGATGGGTGTTTACCAATGAATACGCCATTTTGAATTTAAAGAGT
GGGTGGCCATGGATGTGGCGCAAGCAAATCCAAAGCTCCGCCGAATAATTATCTATCCTGCC
ACAGGAAAACCAAATCAAATGTGGCTTCCCGTGTCTGA

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Fig. 9b

mistletoe lectin. B2

D	D	V	T	C	S	A	S	E	P	T	V	R	I	V	G	R	S	G	M	R
V	D	V	R	D	D	D	F	H	D	G	N	Q	I	Q	L	W	P	S	K	S
N	N	D	P	N	Q	L	W	T	I	K	R	D	N	T	I	R	S	N	G	S
C	L	T	T	Y	G	Y	T	A	G	V	Y	V	M	I	F	D	C	N	T	A
V	R	E	A	T	I	W	Q	I	W	D	N	G	T	I	I	N	P	R	S	N
L	V	L	A	A	S	S	G	I	K	G	T	T	L	T	V	Q	T	L	D	Y
T	L	G	Q	G	W	L	A	G	N	D	T	A	P	R	E	V	T	I	Y	G
F	R	D	L	C	M	E	S	N	Q	G	S	V	W	V	E	T	C	D	S	S
Q	K	N	Q	G	K	W	A	L	Y	G	D	G	S	I	R	P	K	Q	N	Q
D	Q	C	L	T	V	G	R	D	S	V	S	T	V	I	N	I	V	S	C	S
G	A	S	G	S	Q	R	W	V	F	T	N	E	Y	A	I	L	N	L	K	S
G	L	A	M	D	V	A	Q	A	N	P	K	L	R	R	I	I	I	Y	P	A
T	G	K	P	N	Q	M	W	L	P	V	F									

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Fig. 10a

mistletoe lectin B3

GATGATGTTACCTGCAGTGCTTCGGAACCTACGGTGCGGATTGTGGGTCGAAATGGCATGCGC
GTGGACGTCCGAGATGACGATTTCCACGATGGGAATCAGATACAGTTGTGGCCCTCCAAGTCC
AACAAATGATCCGAATCAGTTGTGGACGATCAAAGGGATGGAACCATTCGATCCAATGGCAGC
TGCTTGACCACGTATGGCTATACTGCTGGCGTCTATGTGATGATCTTCGACTGTAATACTGCT
GTGCGGGAGGCCACTATTTGGCAGATATGGGACAATGGGACCATCATCAATCCAAGATCCAAT
CTGGTTTTGGCAGCATCATCTGGAATCAAAGGCACTACGCTTACGGTGCAAACACTGGATTAC
ACGTTGGGACAGGGCTGGCTTGCCGGTAATGATACCGCCCCACGCGAGGTGACCATATATGGT
TTCAGGGACCTTTGCATGGAATCAAATGGAGGGAGTGTGTGGGTGGAGACGTGCGACAGTAGC
CAAAAGAACCAAGGCAAATGGGCTTTGTACGGGGATGGTTCATACGCCCCAAACAAAACCAA
GACCAATGCCTCACCTCTGGGAGAGACTCCGTTTCAACAGTAATCAATATAGTTAGCTGCAGC
GGAGCTTCGGGGTCTCAGCGATGGGTGTTTACCAATGAAGGGGCCATTTTGAATTTAAAGACT
GGGTTGGCCATGGATGTGGCGCAAGCAAATCCAAAGCTCCGCCGAATAATTATCTATCCTGCC
ACAGGAAAACCAAATCAAATGTGGCTTCCCGTGTCTGA

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Fig. 10b

mistletoe lectin B3

D	D	V	T	C	S	A	S	E	P	T	V	R	I	V	G	R	N	G	M	R
V	D	V	R	D	D	D	F	H	D	G	N	Q	I	Q	L	W	P	S	K	S
N	N	D	P	N	Q	L	W	T	I	K	R	D	G	T	I	R	S	N	G	S
C	L	T	T	Y	G	Y	T	A	G	V	Y	V	M	I	F	D	C	N	T	A
V	R	E	A	T	I	W	Q	I	W	D	N	G	T	I	I	N	P	R	S	N
L	V	L	A	A	S	S	G	I	K	G	T	T	L	T	V	Q	T	L	D	Y
T	L	G	Q	G	W	L	A	G	N	D	T	A	P	R	E	V	T	I	Y	G
F	R	D	L	C	M	E	S	N	G	G	S	V	W	V	E	T	C	D	S	S
Q	K	N	Q	G	K	W	A	L	Y	G	D	G	S	I	R	P	K	Q	N	Q
D	Q	C	L	T	S	G	R	D	S	V	S	T	V	I	N	I	V	S	C	S
G	A	S	G	S	Q	R	W	V	F	T	N	E	G	A	I	L	N	L	K	T
G	L	A	M	D	V	A	Q	A	N	P	K	L	R	R	I	I	I	Y	P	A
T	G	K	P	N	Q	M	W	L	P	V	F									

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Fig. 11amistletoe lectin B₄

GATGATGTTACCTGCAGTGCTTCGGAACCTACGGTGCGGATTGTGGGTGAAATGGCATGCGC
GTGGACGTCCGAGATGACGATTTCCACGATGGGAATCAGATACAGTTGTGGCCCTCCAAGTCC
AACAATGATCCGAATCAGTTGTGGACGATCAAAAGGGATGGAACCATTGATCCAATGGCAGC
TGCTTGACCACGTATGGCTATACTGCTGGCGTCTATGTGATGATCTTCGACTGTAATACTGCT
GTGCGGGAGGCCACTATTTGGCAGATATGGGACAATGGGACCATCATCAATCCAAGATCCAAT
CTGGTTTTGGCAGCATCATCTGGAATCAAAGGCACTACGCTTACGGTGCAAACACTGGATTAC
ACGTTGGGACAGGGCTGGCTTGCCGGTAATGATACCGCCCCACGCGAGGTGACCATATATGGT
TTCAGGGACCTTTGCAATGGAATCAAATGGAGGGAGTGTGTGGGTGGAGACGTGCGACAGTAGC
CAAAAGAACCAAGGCAAATGGGCTTTGTACGGGGATGGTTCTATACGCCCCAAACAAAACCAA
GACCAATGCCTCACCTCTGGGAGAGACTCCGTTTCAACAGTAATCAATATAGTTAGCTGCAGC
GGAGCTTCGGGGTCTCAGCGATGGGTGTTTACCAATGAAGGGGCCATTTTGAATTAAAGAAA
GGGCCGGCCATGGATGTGGCGCAAGCAAATCCAAAGCTCCGCCGAATAATTATCTATCCTGCC
ACAGGAAAACCAAATCAAATGTGGCTTCCCGTGTTCTGA

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Fig. 11b

mistletoe lectin B4

D	D	V	T	C	S	A	S	E	P	T	V	R	I	V	G	R	N	G	M	R
V	D	V	R	D	D	D	F	H	D	G	N	Q	I	Q	L	W	P	S	K	S
N	N	D	P	N	Q	L	W	T	I	K	R	D	G	T	I	R	S	N	G	S
C	L	T	T	Y	G	Y	T	A	G	V	Y	V	M	I	F	D	C	N	T	A
V	R	E	A	T	I	W	Q	I	W	D	N	G	T	I	I	N	P	R	S	N
L	V	L	A	A	S	S	G	I	K	G	T	T	L	T	V	Q	T	L	D	Y
T	L	G	Q	G	W	L	A	G	N	D	T	A	P	R	E	V	T	I	Y	G
F	R	D	L	C	M	E	S	N	G	G	S	V	W	V	E	T	C	D	S	S
Q	K	N	Q	G	K	W	A	L	Y	G	D	G	S	I	R	P	K	Q	N	Q
D	Q	C	L	T	S	G	R	D	S	V	S	T	V	I	N	I	V	S	C	S
G	A	S	G	S	Q	R	W	V	F	T	N	E	G	A	I	L	N	L	K	K
G	P	A	M	D	V	A	Q	A	N	P	K	L	R	R	I	I	I	Y	P	A
T	G	K	P	N	Q	M	W	L	P	V	F									

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Fig.12a

mistletoe lectin B5

GATGATGTTACCTGCAGTGCTTCGGAACCTACGGTGCGGATTGTGGGTGCGAAATGGCATGCGC
GTGGACGTCCGAGATGACGATTTCCACGATGGGAATCAGATACAGTTGTGGCCCTCCAAGTCC
AACAAATGATCCGAATCAGTTGTGGACGATCAAAAGGGATGGAACCATTGATCCAATGGCAGC
TGCTTGACCACGTATGGCTATACTGCTGGCGTCTATGTGATGATCTTCGACTGTAATACTGCT
GTGCGGGAGGCCACTATTTGGCAGATATGGGACAATGGGACCATCATCAATCCAAGATCCAAT
CTGGTTTTTGGCAGCATCATCTGGAATCAAAGGCACTACGCTTACGGTGCAAACACTGGATTAC
ACGTTGGGACAGGGCTGGCTTGCCGGTAATGATACCGCCCCACGCGAGGTGACCATATATGGT
TTCAGGGACCTTTGCATGGAATCAAATGGAGGGAGTGTGTGGGTGGAGACGTGCGACAGTAGC
CAAAAGAACCAAGGCAAATGGGCTTTGTACGGGGATGGTTCTATACGCCCCAAACAAAACCAA
GACCAATGCCTCACCTCTGGGAGAGACTCCGTTTCAACAGTAATCAATATAGTTAGCTGCAGC
GGAGCTTCGGGGTCTCAGCGATGGGTGTTTACCAATGAAGGGGCCATTTTGAATTTAAAGAT
AGCTTGATGGTGGATGTGGCGCAAGCAAATCCAAAGCTCCGCCGAATAATTATCTATCCTGCC
ACAGGAAAACCAAATCAAATGTGGCTTCCCGTGTCTGA

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Fig. 12b

mistletoe lectin B5

D	D	V	T	C	S	A	S	E	P	T	V	R	I	V	G	R	N	G	M	R
V	D	V	R	D	D	D	F	H	D	G	N	Q	I	Q	L	W	P	S	K	S
N	N	D	P	N	Q	L	W	T	I	K	R	D	G	T	I	R	S	N	G	S
C	L	T	T	Y	G	Y	T	A	G	V	Y	V	M	I	F	D	C	N	T	A
V	R	E	A	T	I	W	Q	I	W	D	N	G	T	I	I	N	P	R	S	N
L	V	L	A	A	S	S	G	I	K	G	T	T	L	T	V	Q	T	L	D	Y
T	L	G	Q	G	W	L	A	G	N	D	T	A	P	R	E	V	T	I	Y	G
F	R	D	L	C	M	E	S	N	G	G	S	V	W	V	E	T	C	D	S	S
Q	K	N	Q	G	K	W	A	L	Y	G	D	G	S	I	R	P	K	Q	N	Q
D	Q	C	L	T	S	G	R	D	S	V	S	T	V	I	N	I	V	S	C	S
G	A	S	G	S	Q	R	W	V	F	T	N	E	G	A	I	L	N	L	K	N
S	L	M	V	D	V	A	Q	A	N	P	K	L	R	R	I	I	I	Y	P	A
T	G	K	P	N	Q	M	W	L	P	V	F									

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Fig. 13a

mistletoe lectin B (matched).

GACGATGTGACATGTTCTGCATCTGAACCAACTGTTAGGATCGTTGGAAGAAACGGTATGTGT
GTTGATGTTCTGGGACGATGACTTTCATGACGGTAACCAAATCCAACCTTGGCCTAGTAAGTCT
AATAACGACCCAAACCAACTTTGGACTATTAAGAGAGACGGTACAATCAGGTCTAACGGATCT
TGTCTTACTACATACGGTTACACTGCAGGAGTTTACGTTATGATTTTTGATTGCAACACAGCA
GTTAGAGAAGCTACAATCTGGCAAATCTGGGGTAACGGAACCTATTATTAACCCTCGTTCTAAC
TTGGTGCTTGCTGCTTCTAGTGGTATTAAGGGAACAACCTTTGACTGTTTACACTTTGGACTAT
ACTCTTGGTCAAGGATGGTTGGCTGGAAACGACACAGCTCCTAGAGAAGTTACAATCTACGGA
TTTAGAGATTTGTGTATGGAGTCTAACGGTGGATCTGTTTGGGTGAAACTTGTGTTTCATCT
CAGCAAAATCAGAGGTGGGCACCTTTATGGTGACGGAAGTATCAGACCTAAGCAGAATCAGGAT
CAGTGTGTTGACATGCGGTAGGGATAGTGTGTCTACTGTTATTAACATTGTGTCTTGTCTGCA
GGTAGTTCTGGACAAAGGTGGGTTTTACAAACGAGGGTGCTATCCTTAACCTGAAGAACGGT
CTTGCTATGGATGTTGCTCAGGCTAACCTAAGTTGAGAAGGATTATCATTACCCAGCTACT
GGTAAGCCTAACCCAGATGTGGTTGCCAGTTCCTTAT

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Fig. 13b

mistletoe lectin B (matched)

D	D	V	T	C	S	A	S	E	P	T	V	R	I	V	G	R	N	G	M	C
V	D	V	R	D	D	D	F	H	D	G	N	Q	I	Q	L	W	P	S	K	S
N	N	D	P	N	Q	L	W	T	I	K	R	D	G	T	I	R	S	N	G	S
C	L	T	T	Y	G	Y	T	A	G	V	Y	V	M	I	F	D	C	N	T	A
V	R	E	A	T	I	W	Q	I	W	G	N	G	T	I	I	N	P	R	S	N
L	V	L	A	A	S	S	G	I	K	G	T	T	L	T	V	Q	T	L	D	Y
T	L	G	Q	G	W	L	A	G	N	D	T	A	P	R	E	V	T	I	Y	G
F	R	D	L	C	M	E	S	N	G	G	S	V	W	V	E	T	C	V	S	S
Q	Q	N	Q	R	W	A	L	Y	G	D	G	S	I	R	P	K	Q	N	Q	D
Q	C	L	T	C	G	R	D	S	V	S	T	V	I	N	I	V	S	C	S	A
G	S	S	G	Q	R	W	V	F	T	N	E	G	A	I	L	N	L	K	N	G
L	A	M	D	V	A	Q	A	N	P	K	L	R	R	I	I	I	Y	P	A	T
G	K	P	N	Q	M	W	L	P	V	P										

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Fig. 14a
mistletoe lectin (matched)

GACGATGTGACATGTTCTGCATCTGAACCAACTGTTAGGATCGTTGGAAGAAACGGTATGCGT
GTTGATGTTCTGGGACGATGACTTTTCATGACGGTAACCAAATCCAACCTTTGGCCTAGTAAGTCT
AATAACGACCCAAACCAACTTTGGACTATTAAGAGAGACGGTACAATCAGGTCTAACGGATCT
TGTCTTACTACATACGGTTACACTGCAGGAGTTTACGTTATGATTTTTGATTGCAACACAGCA
GTTAGAGAAGCTACAATCTGGCAAATCTGGGATAACGGAACCTATTATTAACCCTCGTTCTAAC
TTGGTGCTTGCTGCTTCTAGTGGTATTAAGGGAACAACCTTTGACTGTTTACACTTTGGACTAT
ACTCTTGGTCAAGGATGGTTGGCTGGAAACGACACAGCTCCTAGAGAAGTTACAATCTACGGA
TTTAGAGATTTGTGTATGGAGTCTAACGGTGGATCTGTTTGGGTTGAAACTTGTGATTCATCT
CAGAAAAATCAGGGCAAGTGGGCACCTTTATGGTGACGGAAGTATCAGACCTAAGCAGAATCAG
GATCAGTGTGTTGACATCCGGTAGGGATAGTGTGTCTACTGTTATTAACATTGTGTCTTGTCT
GGAGCTAGTGGATCTCAAAGGTGGGTTTTACAAACGAGGGTGCTATCCTTAACCTGAAGAAC
GGTCTTGCTATGGATGTTGCTCAGGCTAACCTAAGTTGAGAAGGATTATCATTACCCAGCT
ACTGGTAAGCCTAACCCAGATGTGGTTGCCAGTTTTTTAT

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Fig.14bmistletoe lectin 1 (matched)

D D V T C S A S E P T V R I V G R N G M R
 V D V R D D D F H D G N Q I Q L W P S K S
 N N D P N Q L W T I K R D G T I R S N G S
 C L T T Y G Y T A G V Y V M I F D C N T A
 V R E A T I W Q I W D N G T I I N P R S N
 L V L A A S S G I K G T T L T V Q T L D Y
 T L G Q G W L A G N D T A P R E V T I Y G
 F R D L C M E S N G G S V W V E T C D S S
 Q K N Q G K W A L Y G D G S I R P K Q N Q
 D Q C L T S G R D S V S T V I N I V S C S
 G A S G S Q R W V F T N E G A I L N L K N
 G L A M D V A Q A N P K L R R I I I Y P A
 T G K P N Q M W L P V F

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Fig. 15amistletoe lectin B2 (matched)

GACGATGTGACATGTTCTGCATCTGAACCAACTGTTAGGATCGTTGGAAGAAGCGGTATGCGT
GTTGATGTTCTGGGACGATGACTTTCATGACGGTAACCAAATCCAACTTTGGCCTAGTAAGTCT
AATAACGACCCAAACCAACTTTGGACTATTAAGAGAGACAATACAATCAGGTCTAACGGATCT
TGTCTTACTACATACGGTTACACTGCAGGAGTTTACGTTATGATTTTTGATTGCAACACAGCA
GTTAGAGAAGCTACAATCTGGCAAATCTGGGATAACGGAACCTATTATTAACCCCTCGTTCTAAC
TTGGTGCTTGCTGCTTCTAGTGGTATTAAGGGAACAACCTTTGACTGTTTCAGACTTTGGACTAT
ACTCTTGGTCAAGGATGGTTGGCTGGAAACGACACAGCTCCTAGAGAAGTTACAATCTACGGA
TTTAGAGATTTGTGTATGGAGTCTAACCAGGGATCTGTTTGGGTGAAACTTGTGATTCATCT
CAGAAAAATCAGGGCAAGTGGGCACTTTATGGTGACGGAAGTATCAGACCTAAGCAGAATCAG
GATCAGTGTTTGACAGTCGGTAGGGATAGTGTGTCTACTGTTATTAACATTGTGTCTTGTCTCT
GGAGCTAGTGGATCTCAAAGGTGGGTTTTACAAACGAGTATGCTATCCTTAACCTGAAGTCC
GGTCTTGCTATGGATGTTGCTCAGGCTAACCCTAAGTTGAGAAGGATTATCATTTACCCAGCT
ACTGGTAAGCCTAACCAGATGTGGTTGCCAGTTTTTTAT

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Fig. 15bmistletoe lectin B2 (matched)

D	D	V	T	C	S	A	S	E	P	T	V	R	I	V	G	R	S	G	M	R
V	D	V	R	D	D	D	F	H	D	G	N	Q	I	Q	L	W	P	S	K	S
N	N	D	P	N	Q	L	W	T	I	K	R	D	N	T	I	R	S	N	G	S
C	L	T	T	Y	G	Y	T	A	G	V	Y	V	M	I	F	D	C	N	T	A
V	R	E	A	T	I	W	Q	I	W	D	N	G	T	I	I	N	P	R	S	N
L	V	L	A	A	S	S	G	I	K	G	T	T	L	T	V	Q	T	L	D	Y
T	L	G	Q	G	W	L	A	G	N	D	T	A	P	R	E	V	T	I	Y	G
F	R	D	L	C	M	E	S	N	Q	G	S	V	W	V	E	T	C	D	S	S
Q	K	N	Q	G	K	W	A	L	Y	G	D	G	S	I	R	P	K	Q	N	Q
D	Q	C	L	T	V	G	R	D	S	V	S	T	V	I	N	I	V	S	C	S
<hr/>																				
G	A	S	G	S	Q	R	W	V	F	T	N	E	Y	A	I	L	N	L	K	S
G	L	A	M	D	V	A	Q	A	N	P	K	L	R	R	I	I	I	Y	P	A
T	G	K	P	N	Q	M	W	L	P	V	F									

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Fig.16a

mistletoe lectin B3 (matched)

GACGATGTGACATGTTCTGCATCTGAACCAACTGTTAGGATCGTTGGAAGAAACGGTATGCGT
GTTGATGTTTCGGGACGATGACTTTCATGACGGTAACCAAATCCAACCTTGGCCTAGTAAGTCT
AATAACGACCCAAACCAACTTTGGACTATTAAGAGAGACGGTACAATCAGGTCTAACGGATCT
TGTCTTACTACATACGGTTACACTGCAGGAGTTTACGTTATGATTTTTGATTGCAACACAGCA
GTTAGAGAAGCTACAATCTGGCAAATCTGGGATAACGGAACTATTATTAACCCTCGTTCTAAC
TTGGTGCTTGCTGCTTCTAGTGGTATTAAGGGAACAACCTTTGACTGTTTCAGACTTTGGACTAT
ACTCTTGGTCAAGGATGGTTGGCTGGAAACGACACAGCTCCTAGAGAAGTTACAATCTACGGA
TTTAGAGATTTGTGTATGGAGTCTAACGGTGGATCTGTTTGGGTGAAACTTGTGATTCATCT
CAGAAAAATCAGGGCAAGTGGGCACTTTATGGTGACGGAAGTATCAGACCTAAGCAGAATCAG
GATCAGTGTTTGACATCCGGTAGGGATAGTGTGTCTACTGTTATTAACATTGTGTCTTGTCTCT
GGAGCTAGTGGATCTCAAAGGTGGGTTTTCACAAACGAGGGTGCTATCCTTAACCTGAAGACC
GGTCTTGCTATGGATGTTGCTCAGGCTAACCCTAAGTTGAGAAGGATTATCATTACCCAGCT
ACTGGTAAGCCTAACCAGATGTGGTTGCCAGTTTTTTAT

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Fig.16b

mistletoe lectin B3 (matched)

D	D	V	T	C	S	A	S	E	P	T	V	R	I	V	G	R	N	G	M	R
V	D	V	R	D	D	D	F	H	D	G	N	Q	I	Q	L	W	P	S	K	S
N	N	D	P	N	Q	L	W	T	I	K	R	D	G	T	I	R	S	N	G	S
C	L	T	T	Y	G	Y	T	A	G	V	Y	V	M	I	F	D	C	N	T	A
V	R	E	A	T	I	W	Q	I	W	D	N	G	T	I	I	N	P	R	S	N
L	V	L	A	A	S	S	G	I	K	G	T	T	L	T	V	Q	T	L	D	Y
T	L	G	Q	G	W	L	A	G	N	D	T	A	P	R	E	V	T	I	Y	G
F	R	D	L	C	M	E	S	N	G	G	S	V	W	V	E	T	C	D	S	S
Q	K	N	Q	G	K	W	A	L	Y	G	D	G	S	I	R	P	K	Q	N	Q
D	Q	C	L	T	S	G	R	D	S	V	S	T	V	I	N	I	V	S	C	S
G	A	S	G	S	Q	R	W	V	F	T	N	E	G	A	I	L	N	L	K	T
G	L	A	M	D	V	A	Q	A	N	P	K	L	R	R	I	I	I	Y	P	A
T	G	K	P	N	Q	M	W	L	P	V	F									

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Fig. 17a

mistletoe lectin B4 (matched)

GACGATGTGACATGTTCTGCATCTGAACCAACTGTTAGGATCGTTGGAAGAAACGGTATGCGT
GTTGATGTTCTGGGACGATGACTTTCATGACGGTAACCAAATCCAACTTTGGCCTAGTAAGTCT
AATAACGACCCAAACCAACTTTGGACTATTAAGAGAGACGGTACAATCAGGTCTAACGGATCT
TGTCTTACTACATACGGTTACACTGCAGGAGTTTACGTTATGATTTTTTGATTGCAACACAGCA
GTTAGAGAAGCTACAATCTGGCAAATCTGGGATAACGGAACATTATTAAACCCTCGTTCTAAC
TTGGTGCTTGCTGCTTCTAGTGGTATTAAGGGAACAACTTTGACTGTTTCAGACTTTGGACTAT
ACTCTTGGTCAAGGATGGTTGGCTGGAAACGACACAGCTCCTAGAGAAGTTACAATCTACGGA
TTTAGAGATTTGTGTATGGAGTCTAACGGTGGATCTGTTTGGGTGAAACTTGTGATTCATCT
CAGAAAAATCAGGGCAAGTGGGCACTTTATGGTGACGGAAGTATCAGACCTAAGCAGAATCAG
GATCAGTGTGTTGACATCCGGTAGGGATAGTGTGTCTACTGTTATTAACATTGTGTCTTGTTCT
GGAGCTAGTGGATCTCAAAGGTGGGTTTTACAAACGAGGGTGCTATCCTTAACCTGAAGAA
GGTCCTGCTATGGATGTTGCTCAGGCTAACCCTAAGTTGAGAAGGATTATCATTTACCCAGCT
ACTGGTAAGCCTAACCCAGATGTGGTTGCCAGTTTTTTAT

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Fig. 17b

mistletoe lectin B4 (matched)

D	D	V	T	C	S	A	S	E	P	T	V	R	I	V	G	R	N	G	M	R
V	D	V	R	D	D	D	F	H	D	G	N	Q	I	Q	L	W	P	S	K	S
N	N	D	P	N	Q	L	W	T	I	K	R	D	G	T	I	R	S	N	G	S
C	L	T	T	Y	G	Y	T	A	G	V	Y	V	M	I	F	D	C	N	T	A
V	R	E	A	T	I	W	Q	I	W	D	N	G	T	I	I	N	P	R	S	N
L	V	L	A	A	S	S	G	I	K	G	T	T	L	T	V	Q	T	L	D	Y
T	L	G	Q	G	W	L	A	G	N	D	T	A	P	R	E	V	T	I	Y	G
F	R	D	L	C	M	E	S	N	G	G	S	V	W	V	E	T	C	D	S	S
Q	K	N	Q	G	K	W	A	L	Y	G	D	G	S	I	R	P	K	Q	N	Q
D	Q	C	L	T	S	G	R	D	S	V	S	T	V	I	N	I	V	S	C	S
G	A	S	G	S	Q	R	W	V	F	T	N	E	G	A	I	L	N	L	K	K
G	P	A	M	D	V	A	Q	A	N	P	K	L	R	R	I	I	I	Y	P	A
T	G	K	P	N	Q	M	W	L	P	V	F									

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Fig. 18a

mistletoe lectin B5 (matched)

GACGATGTGACATGTTCTGCATCTGAACCAACTGTTAGGATCGTTGGAAGAAACGGTATGCGT
GTTGATGTTTCGGGACGATGACTTTCATGACGGTAACCAAATCCAACCTTTGGCCTAGTAAGTCT
AATAACGACCCAAACCAACTTTGGACTATTAAGAGAGACGGTACAATCAGGTCTAACGGATCT
TGTCTTACTACATACGGTTACACTGCAGGAGTTTACGTTATGATTTTTGATTGCAACACAGCA
GTTAGAGAAGCTACAATCTGGCAAATCTGGGATAACGGAACCTATTATTAACCCCTCGTTCTAAC
TTGGTGCTTGCTGCTTCTAGTGGTATTAAGGGAACAACCTTGACTGTTTCAGACTTTGGACTAT
ACTCTTGGTCAAGGATGGTTGGCTGGAAACGACACAGCTCCTAGAGAAGTTACAATCTACGGA
TTTAGAGATTTGTGTATGGAGTCTAACGGTGGATCTGTTTGGGTTGAACTTGTGATTCATCT
CAGAAAAATCAGGGCAAGTGGGCACCTTATGGTGACGGAAGTATCAGACCTAAGCAGAATCAG
GATCAGTGTTTGACATCCGGTAGGGATAGTGTGTCTACTGTTATTAACATTGTGTCTTGTTCT
GGAGCTAGTGGATCTCAAAGGTGGGTTTTACAAACGAGGGTGCTATCCTTAACCTGAAGAAC
TCTCTTATGGTGGATGTTGCTCAGGCTAACCCCTAAGTTGAGAAGGATTATCATTACCCAGCT
ACTGGTAAGCCTAACCCAGATGTGGTTGCCAGTTTTTTAT

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Fig.18b

mistletoe lectin B5 (matched)

D	D	V	T	C	S	A	S	E	P	T	V	R	I	V	G	R	N	G	M	R
V	D	V	R	D	D	D	F	H	D	G	N	Q	I	Q	L	W	P	S	K	S
N	N	D	P	N	Q	L	W	T	I	K	R	D	G	T	I	R	S	N	G	S
C	L	T	T	Y	G	Y	T	A	G	V	Y	V	M	I	F	D	C	N	T	A
V	R	E	A	T	I	W	Q	I	W	D	N	G	T	I	I	N	P	R	S	N
L	V	L	A	A	S	S	G	I	K	G	T	T	L	T	V	Q	T	L	D	Y
T	L	G	Q	G	W	L	A	G	N	D	T	A	P	R	E	V	T	I	Y	G
F	R	D	L	C	M	E	S	N	G	G	S	V	W	V	E	T	C	D	S	S
Q	K	N	Q	G	K	W	A	L	Y	G	D	G	S	I	R	P	K	Q	N	Q
D	Q	C	L	T	S	G	R	D	S	V	S	T	V	I	N	I	V	S	C	S
G	A	S	G	S	Q	R	W	V	F	T	N	E	G	A	I	L	N	L	K	N
S	L	M	V	D	V	A	Q	A	N	P	K	L	R	R	I	I	I	Y	P	A
T	G	K	P	N	Q	M	W	L	P	V	F									

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